



CATALOGUE


OF

CUMBERLAND UNIVERSITY,

LEBANON, TENN.

1880-81.

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1881.



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STEESE.

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REV. J. D. KIRKPATRICK, Financial Agent.

UNIVERSITY FACULTY.

NATHAN GREEN,
Chancellor, and Professor of Law.

RICHARD BEARD, D.D.,*
Ewing Professor of Systematic Theology.

HON. ROBERT L. CARUTHERS,
Professor of Law.

S. G. BURNEY, D.D.,
Professor of Systematic Theology.

A. H. BUCHANAN, A.M.,
Professor of Mathematics and Civil Engineering.

W. D. McLAUGHLIN, A.M.,
Professor of Latin and Greek.

JOHN I. D. HINDS, A.M., PH.D.,
Professor of Chemistry and Natural Science.

R. V. FOSTER, A.M.,
Professor of Hebrew and New Testament Greek.

EDWARD E. WEIR, A.M.,
Professor of Belles Lettres and Mental and Moral Sciences.

REV. J. D. KIRKPATRICK,
Murdock Professor of Church History.

ANDREW B. MARTIN,
Professor of Law.

Professor of Biblical Literature.

W. J. GRANNIS, A.M.,
Principal of the Preparatory School.

A. J. BAIRD, D.D.,
Lecturer on Pastoral Work.

C. H. BELL, D.D.,
Lecturer on Missions.

* Died during the year.

CATALOGUE OF STUDENTS.

Abbreviations—Sen., Senior Class; Jun., Junior Class; Soph., Sophomore Class; Fresh., Freshman Class; Theo., Theology; Prep., Preparatory School; Eng., Civil Engineering.

Abercrombie, John I.	Cedar Grove, Ala.	Prep.
Allen, C. N.	Smith's Grove, Ky.	Law.
Allison, Alexander	Montgomery City, Mo.	Jun.
Alsup, John Morgan	Baird's Mill, Tenn.	Fresh.
Andrews, Leet	Lebanon, Tenn.	Prep.
Anthony, Robert H.	Richelieu, Ky.	Prep.
Barr, Ailanthus Linton	Pleasant Hope, Mo.	Sen. Theo.
Barnhill, John Taylor	Chewalla, Tenn.	Law.
Barnhill, Robert Pleasant	Chewalla, Tenn.	Law.
Baskette, Jesse	Louisiana, Mo.	Prep.
Barton, Robert	Birmingham, Ala.	Prep.
Beck, James Otis	Smith's Grove, Ky.	Law.
Beckwith, Charles	Lebanon, Tenn.	Sen. Theo.
Bell, Gilmer M.	Clarksville, Tenn.	Law.
Bennett, John Ambrose	Howel's Cross Roads, Ala.	Prep.
Bernard, Taylor	Louisiana, Mo.	Jun. Theo.
Binkley, Richard Wilson	Charlotte, Tenn.	Sen.
Bird, Henry Clay	Princeton, Ky.	Soph.
Blair, Geo. Alexander	Fairmount, Ky.	Fresh.
Bolton, Wade Hampton	Wythe, Tenn.	Soph.
Boyd, Frank	Napier Furnace, Tenn.	Law.
Braly, Samuel Hiram	Centre, Texas.	Sen. Theo.
Buchanan, Jefferson Douglas	Clinton, Mo.	Fresh.
Brown, Dixon	Lebanon, Tenn.	Prep.
Brown, Robert	Lebanon, Tenn.	Prep.
Brown, William Caldwell	Troy, Tenn.	Law.
Bryan, James Waters	Shop Spring, Tenn.	Jun.
Buchanan, James Cyrus	Lebanon, Tenn.	Eng.
Buchanan, I. W. P.	Lebanon, Tenn.	Fresh.
Buie, Douglas A.	Gilmer, Texas.	Law.
Butler, Bowen A.	Gainsboro, Tenn.	Law.
Cantrell, Bailie	Lebanon, Tenn.	Prep.
Capps, William	Johnson Station, Texas.	Law.
Carlocke, Robert Lee	Cog Hill, Tenn.	Jun.
Carter, Perkins	Elkton, Tenn.	Fresh.

Cartwright, William	Lebanon, Tenn.	Prep.
Casey, Thomas Marion	Shawnee Mound, Mo.	Sen.
Castleman, Edward	Lebanon, Tenn.	Prep.
Chandler, Lee	Lebanon, Tenn.	Prep.
Clagett, John Horatio	Centreville, Tenn.	Law.
Coleman, Samuel B.	Murfreesboro, Tenn.	Law.
Coles, William	Lebanon, Tenn.	Prep.
Cowan, Thompson Ashburn	Grapevine, Texas.	Fresh.
Cowles, John Henry	Smith's Grove, Ky.	Soph.
Cox, Thomas Seth	Johnsonville, Ark.	Prep.
Crawford, Jeff. Russell	Ethel, Tenn.	Fresh.
Crosby, Baylis Francis	Gilmer, Texas.	Law.
Cunningham, William F.	Shannon, Miss.	Jun. Theo.
Davis, John Henry	LaGuardo, Tenn.	Prep.
Donnell, Geo. Johnson	Lebanon, Tenn.	Jun.
Downer, John Pendleton	Fairview, Ky.	Sen.
Dozier, Edwin Thomas	Nashville, Tenn.	Sen.
Durkee, George A.	Woodbury, Ky.	Fresh.
Elder, Jeff. Davis	Campblesville, Ky.	Prep.
Eatherly, Wilson Rob.	Leeville, Tenn.	Sen.
Ezzell, John Thomas	Bel Green, Ala.	Law.
✓ Fakes, Marcus Gugenheim	Lebanon, Tenn.	Prep.
Fite, Albert	Lebanon, Tenn.	Prep.
Gabard, M. E.	Fayetteville, Tenn.	Prep.
Grannis, Henry Norvill	Lebanon, Tenn.	Prep.
Gray, Charles Thomas	Lavergne, Tenn.	Prep.
Green, Grafton	Lebanon, Tenn.	Prep.
Gribble, Clingman	Lebanon, Tenn.	Soph.
Grider, Judge Loving	Bowling Green, Ky.	Law.
Grigsby, Thomas	Lebanon, Tenn.	Prep.
Hall, Alonzo	Saundersville, Ga.	Law.
Hacker, Ephraim Bradley	Rock Hill, Texas.	Prep.
Haynes, James Bell	Chapel Hill, Tenn.	Sen.
Harris, Robert	Lebanon, Tenn.	Prep.
Harrison, Richard Henry	Waco, Texas.	Law.
Height, Charles Bennett	Lebanon, Tenn.	Prep.
Height, Tarver	Lebanon, Tenn.	Prep.
Hickman, John	Coultersville, Tenn.	Prep.
Hill, Robert Signal	Lebanon, Tenn.	Prep.
Hines, Vandella Paul	Bowling Green, Ky.	Soph.
Hoffmann, William Paul	Nashville, Tenn.	Prep.
Houston, Reagan	San Antonio, Texas.	Law.
Howell, William Benj.	Howel's Cross Roads, Ala.	Fresh.
Hudson, William	Lebanon, Tenn.	Prep.
Hughey, Robert William	Lebanon, Tenn.	Prep.
Hupp, Charley H.	Otterville, Mo.	Jun. Theo.
Jackson, James H.	Lebanon, Tenn.	Law.
Jenkins, R. B.	Lexington, Miss.	Law.

Jennings, John Gleaves	Lebanon, Tenn.	Prep.
Jones, Horace Bussan	Montcalm, La.	Prep.
Keaghey, John Samuel	Burksville, Texas.	Law.
Keathley, Marshall Lafayette	Brunswick, Tenn.	Fresh.
Keeney, L. C.	Jacksboro, Tenn.	Law.
King, William Nelson	Toomsuba, Miss.	Law.
Kirkpatrick, Currie	Lebanon, Tenn.	Prep.
Kirkpatrick, Donnell	Lebanon, Tenn.	Prep.
Kirkpatrick, Forrest	Lebanon, Tenn.	Prep.
Kirkpatrick, Lee	Lebanon, Tenn.	Prep.
Lane, Woodie	Lebanon, Tenn.	Prep.
Lassiter, Newton H.	Lexington, Tenn.	Law.
Lawler, Finis Eugene	Richardson, Texas.	Sen. Theo.
Lester, Daniel R.	Lebanon, Tenn.	Fresh.
Lester, Henry Dillon	Lebanon, Tenn.	Prep.
Lindsley, Atkins	Lebanon, Tenn.	Prep.
Lindsley, Lawrence	Lebanon, Tenn.	Prep.
Lipscomb, Albin	Lebanon, Tenn.	Prep.
Lloyd, John Thompson	Burksville, Ky.	Jun. Theo.
Long, Curtis Edward	Russellville, Ky.	Sen. Theo.
Loveless, William	Birmingham, Ala.	Fresh.
Martin, Joseph	Lebanon, Tenn.	Prep.
Mason, Pleasant Peyton	Lavergne, Tenn.	Law.
McCoy, Lycurgus	Pinson, Tenn.	Law.
McClellan, John James	West Point, Miss.	Fresh.
McClellan, John J.	Fayetteville, Tenn.	Law.
McCorkle, Walter	Lebanon, Tenn.	Prep.
McCorkle, Owen	Lebanon, Tenn.	Prep.
McDonnold, Reed Lansdon	Lebanon, Tenn.	Prep.
McDonald, James Francis	Laurel Hill, Miss.	Sen.
McDonald, James A.	Russellville, Ky.	Jun. Theo.
McGaughey, Ben. Houston	Verona, Miss.	Soph.
McGuire, John G.	McMinnville, Tenn.	Fresh.
McMillin, Robinson	Walter Hill, Tenn.	Law.
Mills, Henry Newton	Dover, Tenn.	Fresh.
Miller, George M.	Tompkinsville, Ky.	Law.
Moore, William Watson	Centreville, Tenn.	Law.
Moore, James Breckinridge	Morgantown, Ky.	Law.
Moore, William Buchanan	Petersburg, Tenn.	Jun.
Moore, W. James	Tyner's Station.	Soph.
Moore, James William	Mount Vernon, Mo.	Sen. Theo.
Morehead, Henry Bascom	Morgantown, Ky.	Fresh.
Morris, Edward Everett	Austin, Ark.	Soph.
Moseley, Beauregard	West Point, Miss.	Sen.
Mulligan, Rory O.	Scottsville, Ky.	Law.
Murphey, William	Lebanon, Tenn.	Prep.
Murray, Walter	Lebanon, Tenn.	Fresh.
Norman, Thomas Julian	Lebanon, Tenn.	Prep.

Norris, Robert Wakefield	Woodbury, Ky.	Fresh.
Nunn, Nathaniel Green	Sydney, Ark.	Jun. Theo.
Oldham, William Samuel	Austin, Tenn.	Soph.
Oldham, John Sloan	Austin, Tenn.	Prep.
Oldham, Richard	Austin, Tenn.	Prep.
Orgain, Walter	Stanton, Tenn.	Law.
Osment, Joseph Wilson	Lebanon, Tenn.	Prep.
Pate, Charles Emmet	Brunswick, Tenn.	Fresh.
Paty, Robert	Lebanon, Tenn.	Prep.
Parker, Daniel Gilbert	Dyersburg, Tenn.	Sen.
Parker, John Neil	Dyersburg, Tenn.	Sen.
Parks, Joseph Franklin	Fayetteville, Tenn.	Law.
Pearson, Alonzo	Louisiana, Mo.	Jun. Theo.
Pearson, George	Linden, Tenn.	Prep.
Pierson, Sterling	Ripley, Tenn.	Law.
Perdue, Roland Wesley	Colorado Springs, Col.	Fresh.
Pettigrew, Thomas Aldridge	Charleston, Ark.	Law.
Preston, William B.	Jefferson, Texas.	Jun. Theo.
Prince, Robert Emmet	Covington, Tenn.	Law.
Ransom, Arthur Small	Murfreesboro, Tenn.	Fresh.
Rice, John Mitchell	Lebanon, Tenn.	Fresh.
Robinson, John Lunsford	Nesbit, Miss.	Fresh.
Rousseau, Leroy	Lebanon, Tenn.	Prep.
Rousseau, Lovell	Lebanon, Tenn.	Prep.
Sadler, Samuel Andrew	Wood Station, Ala.	Jun.
Sanders, Robert Henderson	Starkville, Miss.	Sen.
Segraves, James	Lebanon, Tenn.	Prep.
Scott, Charles W.	Hermitage, Tenn.	Law.
Scott, James Madison, Jr.	Paducah, Ky.	Law.
Scott, Joe Marley	Lauderdale, Tenn.	Prep.
Selph, D. H.	Clifton, Tenn.	Law.
Shannon, John Houston	Lebanon, Tenn.	Prep.
Smith, Henry Sidney	La Grange, Texas.	Law.
Smith, Edwin H.	Blandville, Ky.	Law.
Sneed, James Wesley	Milton, Tenn.	Fresh.
Stephens, Armstead Hutchinson	Sedalia, Mo.	Sen. Theo.
Sternberger, Joseph B.	Brownsville, Tenn.	Law.
Stewart, Donnell Ewing	Brunswick, Tenn.	Fresh.
Stratton, Houston	Lebanon, Tenn.	Prep.
Stratton, Franceway Cossitt	Lebanon, Tenn.	Prep.
Stratton, Thomas	Lebanon, Tenn.	Prep.
Stratton, Edward	Lebanon, Tenn.	Prep.
Stratton, James Grimes	Lebanon, Tenn.	Prep.
Stribbling, Oscar	Fulton, Miss.	Fresh.
Strother, Henry	Rochester, Ky.	Fresh.
Sullivan, William T.	Austin, Ark.	Fresh.
Swaney, William Bently	Castalian Springs, Tenn.	Law.
Terry, David T.	Woodbury, Ky.	Prep.

Thompson, James	Lebanon, Tenn.	Prep.
Trobaugh, Jesse Gardner	Brunswick, Tenn.	Soph.
Tucker, William Thomas	Tipton, Tenn.	Soph.
Wagstaff, John Miles	Lynnville, Tenn.	Fresh.
Walker, Isaac B.	Denton, Texas.	Law.
Walker, Daniel Luke	Gun Springs, Ark.	Prep.
Watt, Benjamin	Bowling Green, Ky.	Law.
Weaver, James Samuel	Pine Bluff, Ark.	Prep.
Weidemeyer, William Edward	Clinton, Mo.	Fresh.
Wells, Thomas	Mound City, Mo.	Prep.
Westerfield, Perry	Rochester, Ky.	Prep.
Whatley, Archibald Henry	Pine Hill, Texas.	Soph.
White, Thomas William	Milton, Tenn.	Prep.
Whiteside, William Wallace	Jacksonville, Ala.	Law.
Wiley, Henry David	Elkmont, Ala.	Prep.
Williams, E. T.	Appling, Ga.	Law.
Williamson, Paschal	Lebanon, Tenn.	Prep.
Wood, David Jesse	Munfordville, Ky.	Law.

GENERAL SUMMARY.

Law Students.....	49
Freshmen.....	29
Sophomores.....	13
Juniors.....	5
Seniors.....	11
Theological Students.....	15
Preparing for the Ministry.....	46
Engineering	1
Preparatory School.....	100
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Total.....	269
Counted twice.....	72
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Net total.....	197

DEGREES CONFERRED.

BACHELOR OF ARTS—A.B.

Richard Wilson Binkley,	Beauregard Moseley.
John Pendleton Downer,	Daniel Gilbert Parker,
John Bell Haynes,	John Neil Parker,
James Francis McDonald,	Robert Henderson Sanders.
Total	8

BACHELOR OF SCIENCE—B.S.

Thomas Marion Casey,	Wilson Rob. Eatherly.
Total	2

BACHELOR OF LAWS—LL.B.

C. N. Allen,*	Pleasant Peyton Mason,
John Taylor Barnhill,*	John J. McClellan,
Robert Pleasant Barnhill,*	Lycurgus McCoy,
Gilmer M. Bell,	George M. Miller,*
William Caldwell Brown,	William Watson Moore,
Bowen A. Butler,	James Breckinridge Moore,
Frank Boyd,	Rory O. Mulligan,
William Capps,	Sterling Pierson,
Jno. Horatio Clagett,	Thomas Aldridge Pettigrew,
Samuel B. Coleman,	Charles A. Scott,*
Baylis Francis Crosby,	D. H. Selph,*
Judge Loving Grider,	Henry Sidney Smith,*
Richard Henry Harrison,*	Joseph B. Sternberger,*
John Samuel Keaghey,*	William Belton Swaney, <i>Bentley</i>
L. C. Keeney,	William Wallace Whiteside,
Newton H. Lassiter,	David Jesse Wood.
Total	32

*January.

BACHELOR OF DIVINITY—B.D.

Ailanthus Linton Barr,	Curtis Edward Long,
Samuel Hiram Braley,	James William Moore,
Finis Eugene Lawler,	Armstead Hutchinson Stephens.
Total	

MASTER OF ARTS—A.M.

E. Rolla Williams.

SUMMARY OF DEGREES.

Bachelor of Arts.....	8
Bachelor of Science.....	2
Bachelor of Laws.....	32
Bachelor of Divinity.....	6
Master of Arts.....	1
Total.....	<hr/> 49

PREPARATORY SCHOOL.

TEACHERS.

W. J. GRANNIS, Principal.

W. D. McLAUGHLIN, Latin and Greek.

COURSE OF STUDY.

Primary—First Year. Tuition \$10.00 per term.

Worcester's Speller; Readers No. 1 and 2—Wilson; First Lessons Mental Arithmetic; First Lessons Geography.

Primary—Second Year. Tuition \$12.00 per term.

Third Reader—Wilson; Mental Arithmetic; Worcester's Speller; Penmanship—Spencerian; Geography; Written Arithmetic.

First Year—English. Tuition \$15.00 per term.

First Term.—Fifth Reader—McGuffey; Geography—Monteith; Mental Arithmetic; Written Arithmetic—Ray; Penmanship—Spencerian; Worcester's Speller.

Second Term.—U. S. History; Written Arithmetic; Analysis—Greene; Penmanship—Spencer; Worcester's Speller; Geography—Monteith.

Second Year—Classical. Tuition \$18.00 per term.

First Term.—Latin Grammar—Allen and Greenough; Ancient Geography—Mitchell; English Grammar; Latin Reader—Andrews; Book Keeping—Mayhew.

Second Term.—Latin Reader—continued; Greek Grammar—Crosby; Physiology—Cutter; Astronomy—Lockyer; Higher Arithmetic—Davies.

Third Year. Tuition \$20.00 per term.

First Term.—Cæsar; Greek Lessons—Crosby; Algebra—Olney; Physical Geography.

Second Term.—Virgil—Searing; Xenophon's Anabasis; Natural Philosophy—Avery; Algebra—Olney.

Vocal music taught without extra charge.

A contingent fee of five dollars is charged in the Classical Preparatory, three in the English Preparatory, and two in the Primary.

ACADEMIC SCHOOL.

FACULTY.

NATHAN GREEN, Chancellor.

A. H. BUCHANAN, Mathematics.

W. D. McLAUGHLIN, Latin and Greek.

J. I. D. HINDS, Natural Science and Chemistry.

E. E. WEIR, Belles Lettres, Mental and Moral Science.

ADMISSION.

Candidates for admission to the Freshman Class must be prepared for examination in the following text-books and subjects, or their equivalents:

Latin Grammar—Andrews and Stoddard, Harkness, or Allen and Greenough; Cæsar, three books; Virgil, three books; Greek Grammar—Crosby, Hadley or Goodwin; Greek Lessons—Crosby; Xenophon's Anabasis, one book; Ancient Geography; Arithmetic; Elementary Algebra; English Grammar; Modern Geography.

Candidates for admission to either of the higher classes must be prepared for examination upon the course of study for all the lower classes.

Students leaving before the end of any term will be required to stand an examination upon the portion of the course which they have missed, before they can enter their class again.

COURSES OF STUDY.

I. For the Degree of Bachelor of Arts.

Freshman Year.

First Term.—Sallust; Homer's Iliad; Algebra, parts I. and II.—Olney; Rhetoric, with written analyses; German Grammar.

Second Term.—Cicero's Orations; Homer; Herodotus; Geometry—Chauvenet; English Grammar—Fowler; German Literature.

Sophomore Year.

First Term.—Horace, Odes and Ars Poetica; Xenophon's Memorabilia; Surveying—Davies; Trigonometry—Chauvenet; Blair's Rhetoric, with written analyses; Declamation; French Grammar.

Second Term.—Horace, Odes and Satires; Lysias; General Geometry and Differential Calculus—Olney; English Literature—Shaw; Logic—Jevons; Declamation; French Literature.

Junior Year.

First Term.—Livy; Demosthenes de Corona; Thucydides; General Geometry and Integral Calculus—Olney; Geometry of three dimensions—Lectures; Higher Algebra, part III.—Olney; Inorganic Chemistry—Barker; Moral Science, with written analyses.

Second Term.—Tacitus, Agricola and Annals; Alcestis of Euripides; Prometheus of Æschylus; Natural Philosophy—Thomson and Tait; Heat—Deschanel; Organic Chemistry—Watts, Lectures; Botany—Wood; Political Economy—Wayland.

Senior Year.

First Term—Quintilian; Antigone of Sophocles; Electricity—Deschanel; Acoustics and Optics—Deschanel; Zoology—Nicholson; Anatomy, Human and Comparative; Lectures on Biology; Mental Science; Original addresses monthly.

Second Term.—Cicero de Officiis; Gorgias of Plato; Astronomy, with the calculation of Eclipses—Norton; Mineralogy—Dana; Geology—Dana; Lectures on Cosmogony and the various Scientific Theories of the day; Evidences of Christianity—M'Ilvaine; International Law and Constitution of the United States; Original addresses monthly.

Allen and Greenough's Latin Grammar, Latin Exercises, Crosby's Greek Grammar, Grecian and Roman Antiquities and Histories and Boise's Greek Syntax, throughout the course.

II. For the Degree of Bachelor of Science.*Freshman Year.*

First Term.—Sallust; Livy; Algebra, parts I. and II.—Olney; Rhetoric, with written analyses; German.

Second Term.—Cicero's Orations; Tacitus; Geometry—Chauvenet; English Grammar—Fowler; German.

Junior Year.

First Term.—Horace, Odes and Ars Poetica; Chemistry—Barker; Surveying—Davies; Trigonometry—Chauvenet; Moral Science, with written analyses; French.

Second Term.—Horace, Odes and Satires; Rudens of Plautus; Botany—Wood; Organic Chemistry—Lectures; General Geometry and Differential Calculus—Olney; Political Economy.

Senior Year.

First Term.—Quintilian; Electricity—Deschanel; Acoustics and Optics—Deschanel; Zoology—Nicholson; Anatomy, Human and Comparative; Lectures on Biology; Mental Science; Original addresses monthly.

Second Term.—Cicero de Officiis; Astronomy, with the Calculation of Eclipses—Norton; Mineralogy—Dana; Geology—Dana; Lectures on Cosmogony and the various Scientific Theories of the day; Evidences of Christianity; International Law and Constitution of the United States; Original addresses monthly.

III. For the Degree of Civil Engineer.*Freshman Year.*

First Term.—Algebra, parts I. and II.—Olney; Rhetoric, with written analyses; Warren's Plane Projection Drawing; Church's Descriptive Geometry; French and German, optional; Moral Science, with written analyses.

Second Term—Geometry—Chauvenet; English Grammar—Fowler; Road Engineering—Vose; Church's Shades, Shadows and Perspective; French and German, optional; Political Economy.

Junior Year.

First Term.—Surveying—Davies; Plane and Spherical Trigonometry—Chauvenet; Chemistry—Barker; Gillespie's Surveying; Shunk's Field Engineering; Machines—Auchincloss.

Second Term—General Geometry and Differential Calculus—Olney; Botany—Wood; Higher Surveying and Leveling—Gillespie; Cox's Weisbach's Mechanics; Rankine's Civil Engineering.

Senior Year.

First Term—General Geometry and Integral Calculus—Olney; Higher Algebra, part III.—Olney; Electricity—Deschanel; Acoustics and Optics—Deschanel; Zoology—Nicholson; Rankine's Civil Engineering.

Second Term.—Astronomy with Calculations of Eclipses—Norton; Geology—Dana; Mineralogy—Dana; Evidences of Christianity; International Law and Constitution of the United States; Theory of Strains in Girders—Stoney and Merrill; Bridge Construction, with Working Drawings and Lectures.

Drawing—Topographical, Geometrical, Mechanical, Isometrical and Architectural, with Shading and Tinting throughout the course.

Field Work—Adjustment and use of Surveying Instruments, and extensive practice in Sketching Topography.

Students recite International and Constitutional Law in the Law Department, with the Junior Law Class, to the Chancellor of the University.

IV. Course of Analytical Chemistry.

This will include Theoretical Chemistry, Qualitative and Quantitative Analysis, Blowpipe Analysis, Determination of Minerals, Volumetric and Organic Analysis and Assaying.

V. Course of Practical Astronomy.

This course embraces the various methods of observing for Time, Latitude and Longitude, and the methods of calculating these from observed data, together with the computations of Eclipses, Occultations, etc.

Text Books—Chauvenet's Spherical and Practical Astronomy, and Astronomical Professional Papers of the United States Coast Survey.

VI. Course of Higher Practical Surveying.

In this are taught all the methods of observation and computation employed in Geodetic work, as it is now conducted in the admirable system of the United States Coast Survey.

Text Books.—Professional and Scientific papers of the United States Coast Survey, in addition to those on this subject in the Engineering Course.

Students on the last two courses will be under the direction of Prof. A. H. Buchanan. They may pursue these studies during nine months of the collegiate year, and spend the three months of vacation in actual field-work.

Prof. Buchanan is in charge of the Geodetic Survey of Tennessee, under the direction of the United States Coast Survey, and spends the time not required for his college duties, in this work. The instruments are furnished to him by

the government, and are the best to be had, and the work done is the most accurate possible. Through the courtesy of the Superintendent of the Coast Survey, Prof. Buchanan is permitted to use these instruments in his class instruction. Thus unusual facilities are afforded students in this line for observing the practical operations of Astronomy and Geodesy.

The Tennessee Base Line, from which the triangulation of the State is to be made, is situated at Lebanon. Prof. Buchanan measured it during the summer of 1877, determined its Azimuth, and the latitude of North Base, in 1878, and is now proceeding with the Primary Triangulation.

DEGREES.

The degree of Bachelor of Arts—A.B.—is conferred upon Students who complete the I. course.

The degree of Bachelor of Science—B.S.—is conferred upon students who complete the II. course.

The degree of Civil Engineer—C.E.—is conferred upon students who complete the III. course.

No student can receive any one of the above degrees whose average grading for the Senior year falls below 8.

Various select courses may be pursued, for which, however, no degrees are conferred.

POST GRADUATE COURSES.

Master of Arts—A.M.

Mental Philosophy—Hamilton, Kant, Reid, Porter, Aristotle. Logic—Hamilton, Aristotle. Ethics—The Bible, Seneca, Jouffroy. Evidences of Christianity—Lardner, Chalmers, Butler. Two of the authors on each of the above subjects required. Mathematics—Descriptive Geometry, Howison's Analytic Geometry, Calculus (Diff., Int. and variations); Analytic Mechanics (Peirce or Bartlett), Astronomy (Bartlett, Newcomb). Natural Science—Proficiency in any branch. Classics—Eclogues, Georgics, Ars Poetica, Oration of Milo, Isocrates, Livy, Philology, or one modern language mastered.

Graduates of this or any other reputable University or College in any one of the three courses—Classical, Scientific or Civil Engineering—who shall have pursued the above course systematically for two years, or who have pursued liberal or professional studies regularly for three years, as students of law, theology or medicine, or who have devoted themselves for that length of time to scientific or literary pursuits, as editors, authors or teachers of the higher branches of learning, will be received as candidates for this degree.

Candidates must sustain written examinations upon the studies required, and submit theses upon such subjects as the Faculty may select, before they will be advanced to the degree of Master of Arts.

Doctor of Philosophy—Ph.D.

The candidate for this Degree must be a graduate of some institution of learning, or must have received a degree in some of the learned professions. In addition to this he will be required to pursue thoroughly one of the courses given below, to satisfy the Faculty on examination that he has made special proficiency therein, and to present an approved dissertation showing original research.

A good knowledge of Greek, Latin, German and French will be required in all cases, unless, for satisfactory reasons, the candidate be excused by the Faculty.

I. Letters.

English, Latin, Greek, German and French languages—their philological relations to one another and to the Indo-European family in general. Metaphysics, with its general history, Scottish Philosophy, Ethics, Politics, including Theory of Government, Constitutional Law, Principles of Law and International Law.

II. Physics.

Mechanics, Analytic and Synthetic; Quaternions—Kelland and Tait; Geometry, Descriptive and Analytic; Calculus; Shades, Shadows and Perspective; Mechanical Drawing; Surveying, with use of instruments; Astronomy, Theoretical and Practical, with use of instruments; Geodesy; Meteorology; Sound; Heat; Light; Electricity.

III. Chemistry.

Chemistry—Inorganic, Organic, Physiological and Agricultural; Qualitative and Quantitative Analysis; Blowpipe Analysis; Metallurgy; Assaying; Chemical Technology; Spectroscopy; Drawing.

IV. Natural History and Botany.

Biology; Zoology, recent and fossil; Human and Comparative Anatomy and Physiology; Histology; Embryology; Botany, recent and fossil; Microscopy; Microscopic animals and plants; Chemical Physiology.

V. Geology and Mineralogy.

Geology—Lithological, Cosmical, Physiographic, Historic and Dynamic; Economic Geology; Palæontology; Mineralogy; Crystallography; Chemistry of Minerals; Blowpipe Analysis of Minerals; Metallurgy; Drawing and Sketching.

The fee for the degree of A.M. and Ph.D., each, is \$30.00.

EXPENSES FOR SESSION OF TWENTY WEEKS.

Preparatory School, see page 12.

Classical and Scientific, Freshman and Sophomore.....	\$20.00
Classical and Scientific, Junior and Senior.....	25.00
Engineering, Freshman and Sophomore.....	35.00
Engineering, Junior and Senior.....	40.00
Contingent fee for all students.....	5.00
Laboratory fee for Junior and Senior.....	2.00
Practical Astronomy and Higher Surveying, each.....	50.00
Analytic Chemistry.....	50.00
Boarding with private families (\$3.50 per week).....	70.00
Boarding in clubs, about.....	40.00

It is thus seen that the total necessary expenses of Academic students, exclusive of books, clothing and washing, need not exceed \$100 per term of twenty weeks, and may be reduced to \$70 if the student boards in a club.

Students entering within three weeks of the opening are charged for the full term.

Candidates for the ministry are exempt from the Tuition, but are required to pay all other fees. If they shall ever voluntarily abandon the ministry, or shall not connect themselves with some department of church work, they will be re-

quired to remit to the Treasurer the full amount of tuition fees, according to the regular charges.

No student will be permitted to recite before matriculating, unless he has made previous arrangement with the Faculty.

REPEAL OF THE CHARTER.

By an act of the last legislature, the charter of the town of Lebanon was repealed. This repeal takes effect on January 1st, 1882, and after that time, under the action of what is known as the "Four Mile Law," no intoxicating liquors can be sold within four miles of the university, except upon the prescription of a physician. It is also a noticeable fact that, on account of other chartered institutions, the same law has driven whisky entirely out of the county. Parents who send their sons here may now be assured that they will be free from this temptation.

AGENT.

Rev. J. D. Kirkpatrick is the agent of the Board for securing endowment and contributions. It will be seen from the following report that the University is now in a better financial condition than it has ever been before :

Productive endowment, Theological School.....	\$21,900
Productive endowment, Academic School.....	25,180—47,080
Endowment not yet productive (Academic).....	29,500
Prospective endowment, legacies to be paid at the death of the testator	61,00
Total endowment.....	\$137,580

SUGGESTIONS TO OUR PATRONS.

If possible, every student should enter the institution on the first day of each Term. Minors should never be left to select their boarding house or course of studies, nor should they ever be allowed to open accounts in the stores. The general course of study has great advantages over all special courses.

LIBRARY AND READING ROOM.

The University Library contains about 7,000 volumes. It is open every day except Sunday. Considerable addition has been made to the Library since our last Catalogue.

CABINET OF MINERALS AND FOSSILS.

This includes many fine specimens, and additions are constantly being made. The friends of the University will confer a great favor by sending to the Professor of Natural Science anything of this kind that they can secure.

The Philosophical and Chemical apparatus is amply sufficient for the full illustration of the course.

LITERARY SOCIETIES.

There are three Literary Societies in the University, all in active operation.

PRIZE.

The Edward M. Neal prize is awarded to the best declaimer of the Preparatory School. The first prize was awarded, this year, to Henry D. Wiley and the second prize to Perry Westerfield.

COLLEGE CODE.

The laws of the University are rigidly enforced, and are all embraced in the motto, "Semper præsens, semper paratus."

The next term begins September 5, 1881.

LAW SCHOOL.

[Established in 1847.]

PROFESSORS.

ROBERT L. CARUTHERS.

NATHAN GREEN.

ANDREW B. MARTIN.

COURSE OF STUDY.

This has been selected with care from the best works of the best American authors. It begins with the mere rudiments, and extends to every department of Law and Equity which may be of any practical benefit in this country, and is designed to prepare the student for an immediate entrance into the active duties of his profession.

FOR THE JUNIOR CLASS.

Caruthers's History of a Law Suit, by Judge Abram Caruthers, who wrote and published the work expressly for this school, Stephens's Pleading, Kent's Commentaries, and Greenleaf's Evidence.

FOR THE SENIOR CLASS.

Barton's Suit in Equity, Story's Equity Jurisprudence, Bishop's Criminal Law, Parsons on Contracts.

This course may be completed in ten months. Students may begin in September or January. As only ten months are required, students will be expected to enter promptly at the beginning of each term.

Those who read the Junior course privately and apply for admission to the Senior Class, with a view to graduation, will be subjected to a rigid examination. If it is approved by the Faculty, the candidates will take their places in the Senior Class on the same footing as other members. It is most earnestly urged, however, upon all who possibly can, that they enter the Junior Class. Failing to do so, they miss much of the practice and drilling in elements and in forms taught in that class every term. A license to practise and a diploma will be given to all who are graduated.

No previous reading of law or any special literary qualifications will be required to enter the school. The common law, applicable in all the States, is

taught, though not by lectures. The law is in the text books. The Professor can no more make law than the student himself. It is better, therefore, that the student be required to learn a portion of the text and be subjected to an examination in the presence of his class, each day. It is the business of the Professor to conduct this examination, and explain difficult passages when necessary.

That full justice may be done to the students, two of the Professors of this Law School devote their whole time to the work. Regular lectures on the law are not delivered, as they would only divert the minds of the students from their daily work. Every subject upon which a lecture could be given has been exhausted by the ablest Professors, and printed in books after the most careful revision by the authors. We would regard it as an imposition on students, and as presumptuous on our part, to pretend that we could improve upon Kent, Story, Greenleaf, Parsons and others, who have given to the public, in printed form, and acceptable to all, lectures on every branch of the law. We, therefore, think it better for the student to occupy his time in learning, with our assistance, what others have written, than in learning from anything we could write. If our mode of teaching is more difficult for us, it is much more profitable to the student.

Moot courts constitute an important feature. Every student is required to bring suits in the forms adapted to all our courts. Professors act as judges, and students act by turns as jurors, clerk and sheriff.

There are two sessions. The first term for the years 1881-82 begins first Monday in September and ends January 19th. Second term begins January 23d and ends June 1st, 1882. Books of the Junior Class may be bought in Lebanon for \$35; Senior class, \$45.

EXPENSES REDUCED.

Tuition fee for term of five months.....	\$ 50 00
Contingent fee.....	5 00
Boarding in families, per week.....	3 to 3 50
Boarding in clubs, per month.....	8 00
Books of Junior Class.....	35 00
Books of Senior Class.....	45 00
Washing and lights, per session.....	8 to 10 00
Diploma fee (for Seniors).....	5 00

Students may procure books here or bring them from home. These, however, will last a lifetime, and are needed in practice always.

Graduates are invited to remain another year free of charge.

NEW BUILDING.

A new and superb building, Caruthers Hall, has recently been completed. It has been named in honor of Judge Robert L. Caruthers, on whose ground and by whose munificence, in great part, the building was erected. Others contributed nobly, but he more than any. In this elegant structure the Law School will hereafter be conducted.

Next term begins September 5, 1881.

THEOLOGICAL SCHOOL.

FACULTY.

NATHAN GREEN, Chancellor.

S. G. BURNEY, Systematic Theology.

—————, * Biblical Literature.

R. V. FOSTER, Hebrew and Greek Exegesis.

J. D. KIRKPATRICK, Church History.

LECTURERS.

A. J. BAIRD, Pastoral Work.

C. H. BELL, Missions.

COURSE OF STUDY.

The course of study embraces two years, of ten months each. The text book and lecture systems of imparting instruction are combined. Each class spends from three to four hours daily in the lecture rooms, and is required to prepare frequent theses on the various subjects discussed. It is impossible to say beforehand, in every case, what text books will be used. It is often expedient to make changes, especially where later and better books appear. In addition to the regular studies in Practical Theology, Dr. A. J. Baird of Nashville delivers a course of lectures on Pastoral Work, based, for the most part, on his own long experience and observation. Dr. C. H. Bell of St. Louis will give a course on Missions—a subject which is happily attracting increasing attention in the various theological seminaries, as well as throughout the churches. The following is a brief outline of the studies pursued :

JUNIOR YEAR.

First Term.—Beard's Lectures in Systematic Theology, Weekly Lectures on the Divine Origin and Authenticity of the Scriptures, Bissell's Historic Origin of the Bible, Gausen on Inspiration, Alexander on the Canon, Hebrew Grammar, Exercises in Reading and Translating, Kurtz and Smith's Old Testament History.

*S. T. Anderson, D.D., has been elected to this chair by the Trustees of the University. It is earnestly hoped that he will be able to accept.

Second Term.—Barrow's Sacred Geography and Antiquities, Sacred Rhetoric, including the Composition and Delivery of Sermons, and the Art of Extempore Speaking—Ripley, Beard's Theology, Studies in Natural Theology, Green's Hebrew Grammar, Hebrew Bible, Special Introduction to the Historical Books, Mental Philosophy, including References to Edward, Cousin, Mill, Bledsoe, Tappan and others, Greek Gospels, Winar's Grammar of the New Testament, Greek, Special Introduction to the Greek Gospels, New Testament History—Kurtz and Smith.

SENIOR YEAR.

First Term.—Butler's Analogy, Shedd's History of Christian Doctrines, Gregory's Theoretical and Practical Ethics, Wilkin's Christian Ethics Contrasted with the Pagan, Wright's Logic of Christian Evidences, Haley on the Alleged Contradictions of the Bible, Lectures on the Lives and Theological Tenets of the Ancient Church Fathers, Hebrew Grammar, Studies in Hebrew Poetry and the Messianic Prophecies, Special Introduction to the Prophetic Books, Studies in the Greek Epistles, Special Introduction to the Epistles, Biblical Theology, History and Principles of Interpretation, Church History.

Second Term.—Hebrew and Greek Studies Continued, Biblical Theology Continued, Lectures on the Confession of Faith and Church Polity, Van Osterzee's Practical Theology, Church History.

The student may furnish himself at Lebanon or elsewhere with the text books mentioned above. Other books will be needed from time to time; but the student will be referred, during the progress of the course, to the literature of the various subjects treated. The library contains about 7,000 volumes, and the members of the classes will be expected to consult those bearing upon the topics which they may have in hand.

EXPENSES.

Board per term, including everything.....	\$60.00
Contingent fee (payable at the beginning of the term).....	5.00
Matriculation fee (payable at the opening of the term).....	5.00
Books, per term, about.....	16.00
Total.....	\$86.00

The fare in the club is good, and the management neat and orderly. No student can reasonably object to either. The matriculation fee is not paid by candidates for the ministry in the Academic classes. Board in private families, \$3.50 a week, including meals, room and fuel.

COMMENCEMENT WEEK.

Sunday, May 29. Baccalaureate Sermon by Rev. R. G. Pearson of Columbia, Tennessee.

Monday, May 30. Orations and Essays by the Academic Seniors.

Tuesday, May 31. Moot Courts by the Law Seniors.

Wednesday morning, June 1. Orations and Essays by the Theological Seniors.

Wednesday afternoon. Meeting of the Alumni Society.

Wednesday evening. Reception to the Graduates at the residence of Dr. A. F. Claywell.

Thursday morning, June 2. Commencement Day. Address to the Graduates and Conferring of the Degrees.

CALENDAR OF SESSIONS.

1881-1882.

First Term begins September 5, 1881; ends January 19, 1882.

Second Term begins January 23, 1882; ends June 1, 1882.

1882-1883.

First Term begins September 4, 1882; ends January 18, 1883.

Second Term begins January 23, 1883; ends June 7, 1883.

